

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 1000 VARIO

Equipment variants.

	PowerPlus	Profi	ProfiPlus
Engine			
Fuel pre-filter (heated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preheater unit (engine, transmission, hydraulic oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Transmission			
Shuttle function, stop-and-go function	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Acoustic signal when reversing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Vario operation			
Speed control lever with cruise control and engine speed memory, automatic modes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Varioterminal 7" with touchscreen and key control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Varioterminal 10.4" with touchscreen and key control	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Variotronic implement control for ISOBUS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Variotronic ^{TI} - Headland Management System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ready for automatic steering system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Guidance system VarioGuide NovAtel / Trimble	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VarioDoc - documentation system (only with Varioterminal 10.4")	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VarioDoc Pro - documentation system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SectionControl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VariableRateControl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic immobiliser	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Without immobiliser	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Cab			
Mechanical cab suspension	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pneumatic cab suspension, 4-point with integral self-levelling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat, air sprung	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Super comfort seat Evolution dynamic / CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat Evolution active DuMo leather/CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat Evolution dynamic DuMo/CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat Evolution dynamic DuMo leather / CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort instructor seat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Integrated automatic climate control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Front windscreen laminated safety glass, heated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear window heated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
300°-front windscreen wipers (with continuous windscreen)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rear window wash/wipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Side window wash/wipe system right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ext. rearview mirror, electrically adjustable + wide angle + contour lamp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radio CD MP3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radio CD MP3 hands-free speaking system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EC tachograph standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fendt Reaction steering system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radar sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reverse drive control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cool box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Chassis			
FSC Fendt Stability Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Single wheel suspension front axle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pneumatic high-speed dual-circuit braking system 1 pedal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Electro-pneumatic handbrake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Electro-pneumatic handbrake (handbrake assist)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic trailer steering axle lock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VarioGrip tyre pressure regulation system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grip Assistant	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
4WD			
Rear / front differential with 100% disc locking and steering angle sensors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Power lift			
Tractive power and stepless mixed control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Clearance, position control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sa front power lift, with external control (separate valve)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort front power lift da, with position control, external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No rear power lift	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrohydraulic power lift da (EHR), with external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower link tail arrester cat. 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
PTO			
Rear: Flanged PTO 1,000/1.000E/1,300 rpm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External controls for rear PTO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Hydraulics			
External control for hydraulic control unit at rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load sensing system with axial piston pump (165 l/min)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load sensing system with axial piston pump (220 l/min)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Load sensing system with 2 axial piston pumps (220+210 l/min)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic power beyond connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Return rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unpressurised rear return flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FFC flat-gasket rear hydraulic couplings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double connect-under-pressure lever couplings rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bio hydraulic oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	PowerPlus	Profi	ProfiPlus
Additional equipment			
Automatic trailer hitch with remote control, rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ball coupling, height adjustable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball coupling, short, in the bottom hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball coupling, long, in the bottom hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawbar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Piton-fix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort ballast for front-end weight (not available with front power lift)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wheel weights, rear wheels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forced steering (one or two-sided)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wide vehicle marker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABS trailer sockets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FENDT 1000 VARIO

Technical specifications.



		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Engine					
Rated power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Maximum power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Constant power ECE R 120 from 1500 rpm to 1700 rpm	kW/hp	291/396	320/435	350/476	380/517
No. of cylinders	Number	6	6	6	6
Cylinder bore/stroke	mm	126/166	126/166	126/166	126/166
Cubic capacity	cm³	12419	12419	12419	12419
Rated speed	rpm	1700	1700	1700	1700
Max. torque at 1100-1500 rpm	Nm	1910	2108	2305	2420
Torque rise	%	17.0	17.0	17.0	13.0
Fuel level	litres	800.0	800.0	800.0	800.0
AdBlue tank	litres	85.0	85.0	85.0	85.0
Constant power range	rpm	1500 - 1700	1500 - 1700	1500 - 1700	1500 - 1700

		TA 400	TA 400	TA 400	TA 400
Transmission and PTO					
Transmission type		TA 400	TA 400	TA 400	TA 400
Speed range forward	km/h	0,02-60	0,02-60	0,02-60	0,02-60
Speed range reverse	km/h	0,02-33	0,02-33	0,02-33	0,02-33
Top speed	km/h	60	60	60	60
Rear PTO optional		1000/1000E/1300	1000/1000E/1300	1000/1000E/1300	1000/1000E/1300

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Power lift and hydraulics					
Variable flow pump	l/min	165	165	165	165
Variable flow pump option 1	l/min	220	220	220	220
Variable flow pump option 2	l/min	220+210	220+210	220+210	220+210
Working pressure / control pressure	bar	200	200	200	200
Max. valves (front/centre/rear) Power Plus	Number	1/0/6	1/0/6	1/0/6	1/0/6
Max. valves (front/centre/rear) Profi / Profi Plus	Number	1/0/6	1/0/6	1/0/6	1/0/6
Max. available hydraulic oil volume	litres	100	100	100	100
Max. lift capacity of rear power lift	daN	12920	12920	12920	12920
Max. lift capacity of front power lift	daN	5584	5584	5584	5584

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Tyres					
Front tyres (standard)		650/65R34	650/65R38	650/65R38	650/65R38
Standard tyres rear		710/75R42	750/75R46	750/75R46	750/75R46
1. Optional front tyres		650/65R38	710/60R38	710/60R38	710/60R38
1. Optional rear tyres		750/75R46	900/65R46	900/65R46	900/65R46

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Dimensions					
Front track width (standard tyres)	mm	2100	2100	2100	2100
Rear track width (standard tyres)	mm	2000	2000	2000	2000
Overall width with standard tyres	mm	2750	2750	2750	2750
Overall length	mm	6350	6350	6350	6350
Overall cab height with standard tyres without VarioGuide	mm	3470	3570	3570	3570
Overall cab height with standard tyres with VarioGuide	mm	3506	3606	3606	3606
Max. ground clearance	mm	600	600	600	600
Wheelbase	mm	3300	3300	3300	3300

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Weights					
Unladen weight (base tractor with cab - full tanks, without driver)	kg	14000.0	14000.0	14000.0	14000.0
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	23000.0	23000.0	23000.0	23000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	21000.0	21000.0	21000.0	21000.0
Max. permissible overall weight up to 60km/h	kg	18000.0	18000.0	18000.0	18000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0